

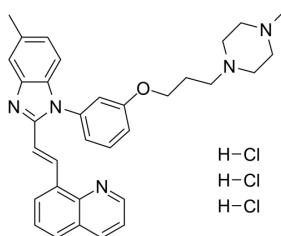
## PDE10A-IN-2 (hydrochloride)

Cat. No.: HY-131973  
Batch No.: 179718  
Chemical Name: (E)-8-(2-(5-Methyl-1-(3-(3-(4-methylpiperazin-1-yl)propoxy)phenyl)-1H-benzo[d]imidazol-2-yl)vinyl)quinoline trihydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>33</sub>H<sub>38</sub>Cl<sub>3</sub>N<sub>5</sub>O  
Molecular Weight: 627.05  
Storage: 4°C, sealed storage, away from moisture  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:



### ANALYTICAL DATA

Appearance: White to yellow (Solid)  
<sup>1</sup>H NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (HPLC): 98.43%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA